

2586 to 2629

Aug. 863 to 920

Last Hyd no 862

Sept 20th 1885

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1899
1900

C	Clay	brk.	broken
Co	Coral	crs.	coarse
G.	Gravel	fine	fine
h.	Hard	hnd	hard
Oz.	Ooze	lge	large
P.	Pebbles	sky	rocky
R.	Rock	sft.	soft
S.	Sand	sm	small
Sh.	Shells	stk	sticky
Sp.	Specks	stf	stiff
St.	Stones	str	rotten.
For.	Foraminifera		
Glob.	Globigerina		
bk	black	gy	gray
br.	brown	li.	light
bu	blue	rd.	red
dk	dark	wh.	white
gn	green	yl.	yellow

$$\begin{array}{r} 3500 \\ 2572 \\ \hline 928 \end{array}$$

$$\begin{array}{r} 4200 \\ 1145 \\ \hline 3055 \end{array}$$

$$\begin{array}{r} 4200 \\ 2280 \\ \hline 1920 \end{array}$$

$$\begin{array}{r} 3500 \\ 2445 \\ \hline 1055 \end{array}$$

June

June

23

25-

45-

50

89 --

100

178 --

200

270 --

300

360 --

400 -

1885.

$$\begin{array}{r} 4200 \\ 2380- \\ \hline 1820 \end{array}$$

No. 2586

Date

Sept-20/85

Machine. 1 Reel.

Turns 300 Cor. + 28

Depth 328.

Shot or lead 35 lb.

Bottom dk gy. M

Bottom temperature 41.5

No. of Thermometer 5373.4 Cor. - .3

Corrected temperature 40.2

Air 69 Surface 76 Drift. 1 West

Trawl or dredge or tangles S.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9. 07. 20 16.50

0

9. 33. 00 48.20

08. 40 15.45

100

37.35 45.00

09. 55 14.25

200

43.00 41.10

11. 35 9. 12. 40

300

46.30 37.45

400

51.00 34.10

500

54.40 30.00

600

58.10 25.50

700

10.02.50 10.21.00

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

at 925 down left ship to out-
 trawl line -
 at 2550 down returned in boat.
 taking away fish -

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. Archangel, Geryon.
 Shells Worms &
 Worms under Octopus
 A very large sea anemone
 Many small but valuable fish
 123.

No.

2587

Date

Sept - 20 1885

Machine.

Reel.

Turns

370

Cor. +

34

Depth

404

~~Shot or~~ lead

35 lb

Bottom

dgy M

Bottom temperature

40.

No. of Thermometer

58734

Cor.

- 3

Corrected temperature

39.7

Air

70

Surface

71

Drift

1/2 - W

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11. 23.00	33.00	0	11. 41.00	59.00
24.00	32.00	100	44.15	56.00
25.00	30.30	200	47.15	53.00
27.00	29.05	300	51.20	50.00
27.30	28.15	400	54.35	47.00
		500	58.35	43.50
		600	12.02.30	40.40
		700	06.35	37.30
		800	11.10	12.34.00
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 4/35 Cor. +

Depth

Shot or lead 3

Bottom gy. M.

Bottom temperature

No. of Thermometer 53781

Cor. - .3

Corrected temperature

39.5

Air 70

Surface 78

Drift. 1/2 - W

Trawl or dredge or tangles, S.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567. SLP

No. 863 *Hyd* Date *Sept 21st 1885*
S. S. S. Machine. / Reel.

Turns *47* Cor. + *5* Depth *47*

~~Shot~~ lead *35*

Bottom *crs gy S. bk Sp*

Bollom temperature *49*

No. of Thermometer *55734* Cor. - *.2*

Corrected temperature *48.8*

Air *67* Surface *70* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567. SLP

No. *B64* *Nyrd* Date *Sept 21st 1885**Sigsbee* Machine: *1* Reel.Turns *42* Cor. + *5* Depth *47*~~Shot~~ or lead *35*Bottom *crs gy S bk Sp*Bottom temperature *49*No. of Thermometer *53734* Cor. *- .2*

Corrected temperature

*48.8*Air *66* Surface *70* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6142

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
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3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567. SLPNo. 865 Hyd Date Sept 21st 1885
Sigsbee Machine. 1 Reel.Turns 50 Cor. + 5 Depth 55~~Shot or lead~~ 35Bottom crs dk gy S.Bottom temperature 51No. of Thermometer 53734 Cor. - .1Corrected temperature 50.9Air 66 Surface 70 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 30.00 7.32.000

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2589

Date

Sept 21st 1885

Sigsbee

Machine. / Reel.

Turns 211 Cor. + 20Depth 231~~Shot or lead~~ 35Bottom gyr M. & S.Bottom temperature 44 1/2No. of Thermometer 53734 Cor. -.2

Corrected temperature

44.2Air 66Surface 70Drift. $\frac{1}{2}^m$ N x W~~Trawl or dredge or longline~~ S. & W.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.16.00

22.15

0

37.00 36.10

17.00

21.10

100

33.10

18.20

20.00

200

30.20

300

27.20

400

24.20

500

21.00

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Boat left ship to get trawl line at 5:27
 Boat returned at 5:45 with trawl line
 5 fathoms / Thompson's, 4 Rays, 5 hooks
 and one eel.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

A large number of sea anemones,
swarm like tubes, and a number
of octopus *Bairdii*, seen from
the ship.

SLP

No. 2590

Date Sept, 21st 1885

Signature

Machine. Reel.

Turns 173 Cor. + 17 Depth 190

~~Shot or lead~~ 35

Bottom gn. M. S.

Bottom temperature 47.8.

No. of Thermometer 53734 Cor. - .2

Corrected temperature 47.6

Air 68 Surface 71 Drift $\frac{1}{2}$ m NW.

Trawl or dredge or tangles SB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10 15.40	23.20	0	10 28.00	27.10
17 00	22.30	100	32.30	26.05
18.00	22.00	200	38.00	23.10
		300	42.20	20.30
		400	46.10	11.17.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		1600		
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	2500	
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	2900	
	3000	
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	3200	
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	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25'				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Large number of obelisks, strong
sea anemones, molis soft coral

No. 2591

Date Sept. 21st 1885Sigsbee Machine. 1 Reel.Turns 171 Cor. + 17 Depth 188~~Shot or lead~~ 35Bottom gn M. S.Bottom temperature none taken

No. of Thermometer _____ Cor. _____

Corrected temperature _____

Air 67 Surface 71 Drift. 1/2^m N x W~~Trawl or dredge or tangles~~ SB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11,57.00	02.10	0	12,08.00	53.20
57.50	01.20	100	11.50	1.00.20
58.50	12,00.30	200	22.00	57.20
		300	26.30	54.20
		400	29.00	12,51.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Offing by day. Light breeze
 landward. Air temp.
 Epigeanthous Amerstomus
 Permit Berke

507 *AW*

No. *116* Date *Dec 1 1885*

Sigsbee Machine. / Reel.

Turns / *50* Cor. *17* Depth *197*

~~Shot or~~ lead *35*

Bottom *gy M-*

Bottom temperature *none taken*

No. of Thermometer ~~4575~~ Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or langles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>26.20</i>	<i>32.10</i>	0		
<i>27.25</i>		100		
<i>29.20</i>	<i>30.40</i>	180 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2592 Date Oct 1 1885

Sigsbee Machine. 1 Reel.

Turns 110 Cor. + 10 Depth 0

Shot or lead 35

Bottom fine gy. s.

Bottom temperature 58

No. of Thermometer 11712 Cor. -.1

Corrected temperature 57.9

Air 70 Surface 79 Drift. 1/2 S.

Trawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.50

59.20

0

3.00

57.10

100

19.00

17.00

15.00

200

30.00

270

300

34.00

40.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

1.50
 3.00
 4.50
 6.00
 7.50
 9.00
 10.50
 12.00
 13.50
 15.00
 16.50
 18.00
 19.50
 21.00
 22.50
 24.00

59.20
 57.10
 55.00
 52.90
 50.80
 48.70
 46.60
 44.50
 42.40
 40.30
 38.20
 36.10
 34.00
 31.90
 29.80
 27.70
 25.60
 23.50
 21.40
 19.30
 17.20
 15.10
 13.00
 10.90
 8.80
 6.70
 4.60
 2.50

17.00
 15.00
 13.00
 11.00
 9.00
 7.00
 5.00
 3.00
 1.00
 0.00

5674

No. 2593

Date

Sigsbee Machine, 1 Reel.

Turns 131 Cor. + 12 Depth 143

Shot or lead 35 lb

Bottom gy S. bk

Bottom temperature near surface

No. of Thermometer Cor.

Corrected temperature

Air 70 Surface 79 Drift. 1 m 2 71 L

Trawl ~~or dredge or trawl~~ L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
57.10	57.20	0	11.59.40	36.00
58.00	56.00	100	12.04.00	32.30
58.10	55.10	200	07.00	29.00
		250		
		300	08.00	12.27.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Land came in

No. 2594 Date Oct 17Sigsbee Machine. 1 Reel.Turns 145 Cor. + 15 Depth 160~~Shot or lead~~ 35Bottom Co. gy. S. bk. m.Bottom temperature 52.2No. of Thermometer 5373 L Cor. - .4Corrected temperature 52.2Air 70 Surface 76 Drift. 1 m. 11 ETrawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

23.00 27.00 0 1.25.00 .10.00

24.00 25.30 100 33.00 .07.10

24.30 25.00 200 36.00 .04.10

300 39.00 2.12.15

400 42.15 1.58.00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Current 2.5 ft. from surface
 small fluctuations. 3rd.

No. 570 Date Oct 27Sigsbee Machine. / Reel.Turns 57 Cor. + 6 Depth 63~~Shot or lead~~ 35 lbBottom gy S bkBottom temperature 75No. of Thermometer 60734 Cor. - .2Corrected temperature 74.8Air 78 Surface 78 Drift 1/2 m. STrawl or dredge or tangles 213

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

5.01.5021.30

100

1

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Am i
 A beautiful lot of long spine
 sea-urchins. Corals and
 some shells

No. 2576 Date

Machine. 1 Reel.

Turns 44 Cor. + 5 Depth

Shot or lead 35 lb

Bottom gy

Bottom temperature 75

No. of Thermometer 537374 Cor. - .2

Corrected temperature 74.8

Air 74 Surface 78 Drift. 1/2 m. S.

Trawl or dredge or tangles L B

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	7, 52, 20	1, 57, 50
		100	58, 40	23, 00
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Under 1000 fathoms
Cedar's Trichalovilla
Crustacea of many kinds and
peculiar form. Coral many
shells a few sponges

SLP

No. 2597 Date Oct. 18th 1885
Lead line Machine. Reel.

Turns Cor. + 15 Depth

Shot or lead

Bottom crs gy S.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift. $\frac{1}{4}$ S.E.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	6,07.00	30.00
		50	10.00	6,28.00
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	*
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Trawl continued.
 1 sea urchin, 2 star fish,
 1 Hydroid, 1 species of fish,
 a number of squid,
 1 Herring.

SLP

No. 2598 Date Oct 18" 1885

Tanner Machine. Reel.

Turns 2 / Cor. + / Depth 22

~~Shot or lead~~ 18 lbs

Bottom wh. S. brk. Sh.

Bottom temperature 73 1/2

No. of Thermometer 53734 Cor. - .2

Corrected temperature 73.3

Air 71 Surface 77 Drift 1/4 m S X E

Trawl ~~or dredge or tangles~~ L B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.12.00 7.13.00

0

7.18.00 36.00

70

21.00 7.34.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Trawl (REMARKS) Some live
 many small shells, few
 squid, few star fish

SLP

No. 2599

Date

Oct. 18th 1885

Tanner

Machine.

Reel.

Turns 25 Cor. +

Depth 25

~~Shot or lead~~ 18 lbs

Bottom wh. S. brk. Sh.

Bottom temperature 79

No. of Thermometer 53734 Cor. - .2

Corrected temperature

78.8

Air 72 Surface 77 Drift. $\frac{1}{4}$ m. Sx E.

Trawl or dredge or tangles L 5

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8, 21.00 8, 23.00

0

8, 25.00 52, 10

25

28.00 8, 49.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS—
 Found bottom
 Water 1 and
 Mud 1/2 of 1000
 and 1/2 of 1000

No. 2600 Date Oct. 18th 1885
 Tanner Machine. Reel.

Turns 85 Cor. + 2 Depth 87

~~Shot or lead~~ 18 lbs.

Bottom fine. gy. S. bk. Sp. brk. sh.

Bottom temperature 71½

No. of Thermometer 53734 Cor. - .2

Corrected temperature 71.3

Air 75 Surface 78 Drift. ¼ m S X E

Trawl or dredge or longline L.D.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.34.00 9.36.30

0

9.39.00

14.40

100

42.15

11.30

200

45.00

08.30

300

52.00

10.07.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
few live & dead shells.
Mundias - few.

No. *Hyd 867* Date *Oct. 18th 1885*
Tanner Machine. Reel.

Turns *205* Cor. *5* Depth *210*

~~Shot or lead~~ *18 lbs*

Bottom *gn. M.*

Bottom temperature *47*

No. of Thermometer *53734* Cor. *- .2*

Corrected temperature *46.8*

Air *75* Surface *78* Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10 36.00 43.00
37.00 41.30
38.00 10.40.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2631 Date Oct. 18th 1885
 Tanner Machine. Reel.

Turns 105 Cor. + 2 Depth 1'7

~~Shot or lead~~ 18 lbs.

Bottom gy. S. P.

Bottom temperature 67 $\frac{4}{10}$

No. of Thermometer 53734 Cor. --

Corrected temperature 67.3

Air 74 Surface 78 Drift. $\frac{1}{4}$ M. S. X E.

Trawl ~~or dredge or longlines~~ L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11 02 30	05.20	0	11 09.11	38.30
03 00	11.0400	100	12.50	35.40
		200	17.00	32.50
		250	21.00	31.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 Few Anemones, many Holoth-
 urians, 1 specimen Byrressa,
 numerous Hydroids, several
 Asithophytons, 1 sea urchin.

No. 2602

Date Oct. 18 " 1885

Tanner Machine. Reel.

Turns 121 Cor. 3 Depth 124

~~Shot or lead~~ 18 lbs

Bottom S. R.

Bottom temperature 61

No. of Thermometer 53734 Cor. - .1

Corrected temperature 60.9

Air 74 Surface 78 Drift. 1/4 m S X E.

~~Trawl or dredge or tangles~~ L B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.40.00 43.20

11.41.40

0

100

200

300

350

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

12.03.00 1.01.20

08.00 58.30

19.00 55.30

23.00 52.40

38.00 12.51.00

At 11.40 lowered dory to with trawl
 line - dory returned at 1.10 net
 two double shanks

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 3 specimen Spider Crabs,
 2 Cancer Crabs, several
 Hydroids, few cuttle fish.

Same position as No. 2602

No. 2603 Date Oct. 18th 1885

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 79 Surface 77 Drift. $\frac{1}{4}$ m. S X E.

Trawl or dredge or longline L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

1.33.00 18.00

100

37.00 15.15

200

44.00 12.30

300

48.00 2.10.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 few crustacea, smelt,
 and hake

No. 2604 Date Oct. 18th 1885

Tanner Machine. Reel.

Turns 33 Cor. + 1 Depth 34~~Shot or lead~~ 18-lbs.Bottom yl. S. brk. sh.Bottom temperature 79No. of Thermometer 53734 Cor. - .1

Corrected temperature

Air 76 Surface 78 Drift. 1/4 m SxE.Trawl or dredge or tangles Lo. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5,2100	22.00	0	5,25.00	50.00
21 25	21.30	100	29.25	5.47.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 Few large shrimp, 1 cuttle
 fish, many dead shells,
 few live ones, few star
 fish, few small fish.

No. 2605

Date

Oct 18, 1885

Tanner

Machine.

Reel.

Turns 31 Cor. + 1 Depth 32

~~Shot or lead~~ 18 lbs

Bottom wh. S. bk. Sp.

Bottom temperature

79

No. of Thermometer 53734 Cor. - .1

Corrected temperature

78.9

Air 75 Surface 78 Drift $\frac{1}{4}$ m Sx E

Trawl or dredge or tangles L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.37.00	3.00	0	6.43.00	10.00
37.30	6.38.30	100	48.30	7.07.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS
Trawl contained
Many small squid, 1 cuttlefish
many small shrimp, few
shells, many Sculp + spots,
few syngnathus

SLP

No. 2606 Date Oct. 18" 1885
 Tanner Machine. Reel.

Turns 25 Cor. + Depth 25

~~Shot or lead~~ 18 lbs.

Bottom wh. S. & K. Sp.

Bottom temperature 77 —

No. of Thermometer 53734 Cor. —

Corrected temperature 76.9

Air 73 Surface 78 Drift. 1/4 m SW.

Trawl or dredge or tangles L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

752.00	54.00	0	7,58.00	20.20
		75	8.01.00	8.18.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 1 large Octopus, number
 of small squid, number small
 shrimp, few sand dollars,
 Sculp & few file fish

No. 2607 Date Oct 19 1885

Sigsbee Machine. Reel.

Turns 18 Cor. + Depth 18

~~Shot or lead~~ 18 lb

Bottom fm gy s

Bottom temperature 73.5

No. of Thermometer 53734 Cor. - .2

Corrected temperature 73.3

Air 71 Surface 76 Drift. 1/2 216

Trawl or dredge or tangles L 15

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.05 6.08

0

60

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6.50 6.08

1 21.00

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Stop for 10 min. at 1000 fms. and observe the temperature of the water.

No. 2608 Date 10 15

Tanner Machine. Reel.

Turns 22 Cor. + Depth 22

Shot or lead 18

Bottom Co gy s. bk.

Bottom temperature 78.3

No. of Thermometer 53734 Cor. -.2

Corrected temperature 78

Air 71 Surface 76 Drift. SE

Trawl or dredge or tangles 213

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.15.00		0	7.19.00	31.00
		100	20.00	7.30.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

In ...
 rapid and ...
 ...

No. *2109* Date *Oct. 19**Tanner* Machine. Reel.Turns *22* Cor. + Depth~~Shot or lead~~ *18 lb*Bottom *fine gy. S.*Bottom temperature *78.5*No. of Thermometer *53734* Cor. *-.2*Corrected temperature *78.3*Air *74* Surface *78* Drift. *SE*~~Trawl or dredge or tangles~~ *210*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>100</i>		0	<i>8 21 00</i>	<i>42 1</i>
		100	<i>26 10</i>	<i>8 39.15</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Large number of sand bottom
for Crabs.*

No. 261

Date Oct-19

Machine. Reel.

Turns 22 Cor. +

Depth 22

Shot or lead 18 lb

Bottom gy. s. sh. bk. gy. s. sh.

Bottom temperature 78.5

No. of Thermometer 53734 Cor. - .3

Corrected temperature 78.5

Air 74 Surface 75 Drift. 1/4 - 556

Trawl or dredge or tangles 213.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.32.00 21.10
35.00 9 47.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*dolphins abundant for
at 2000, two small fish*

567.1.1

No. *2611* Date *()*
Tanner Machine. Reel.

Turns *30* Cor. + *1* Depth *31*

Shot or lead *18 lb*

Bottom *gy. s. bk. sh.*

Bottom temperature *74*

No. of Thermometer *55734* Cor. *- .1*

Corrected temperature *73.9*

Air *76* Surface *75* Drift *SE 1/2*

Trawl or dredge or tangles *513*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.30</i>	<i>10.32</i>	0	<i>10.35</i>	<i>17.01</i>
		100	<i>12.10</i>	<i>58.11</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Star fish

No. 2612 Date Oct 19 1885

Machine. Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 18 lb

Bottom Co wh. s bk

Bottom temperature 67

No. of Thermometer 55700 Cor. - .1

Corrected temperature 66.9

Air 77 Surface 78 Drift 1/2 N. E. 1/2

Trawl or dredge or tangles 213-

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11. 40. 00	11. 42. 00	0	11. 45. 00	09. 00
		100	51. 00	06. 00
		130 200	52. 00	205. 00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

for serial temperature

No. 163 Date Oct 19 1885

Machine. Reel.

Turns / 64 Cor. + Depth / 6

~~Shot or lead~~ / 8

Bottom gy. s. l. k. sh.

Bottom temperature 48

No. of Thermometer 3361 Cor. - .1

Corrected temperature 48.5

Air 77 Surface 78 Drift 2 21 6

~~Trawl or dredge or tangles~~ L 13

SOUNDING WIRE.

DOWN.	UP.
-------	-----

TURNS.

DREDGE ROPE.

DOWN.	UP.
-------	-----

[illegible]

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Handwritten notes:
 1. ...
 2. ...
 3. ...

Same Position of 2613-

No. 2614 Date

Machine. Reel.

Turns 164 Cor. + 4 Depth 168

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 77 Surface 78 Drift 1/2 NE

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Starfish observed
 17

No. *2615* Date *Oct 20 1885*

Tanner Machine. Reel.

Turns *18* Cor. + Depth *18*

Shot or lead *18 lb*

Bottom *gy S.*

Bottom temperature *not taken*

No. of Thermometer Cor.

Corrected temperature

Air *76* Surface *75* Drift. *1/4 m SSE*

Trawl or dredge *no hauler*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6.07.00</i>		0	<i>6.17.10</i>	<i>34.00</i>
		100	<i>20.00</i>	<i>6.32.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trachea sordidus
 A few dead shells + two
 small fish

SAP

No. 2616

Date

Oct 20 1885

Tanner

Machine.

Reel.

Turns 17

Cor. +

Depth 17

~~Shot or lead~~

18 lbs

Bottom S + P

Bottom temperature not taken

No. of Thermometer

Cor.

Corrected temperature

Air

76

Surface

75

Drift. $\frac{1}{4}$ m SSE~~Trawl or dredge or trawler~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 15.00

0

7.20.00

35.00

500

2.20.00 7 33.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Tried hard line for 1000 fms

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Large shell formation
with shells, coral, sponges
very common at bottom.
Many small shells in the

No. Hyd 868 Date Oct 20 1885
Tanner Machine. Reel.

Turns 15 Cor. + Depth 15

~~Shot or lead~~ 18 lbs

Bottom fine gy. S. brk sh.

Bottom temperature 74 $\frac{8}{10}$

No. of Thermometer 53734 Cor. -.2

Corrected temperature 74.6

Air 76 Surface 77 Drift,

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>8.35.00</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2617 Date Oct. 20th 1885
 Tanner Machine. Reel.

Turns 14 Cor. + Depth 14

~~Shot or~~ lead 18 lbs

Bottom crs. yl. S. brk. Sh.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 77 Surface 75 Drift. $\frac{1}{4}$ m. E

~~Trawl or dredge~~ ~~up~~ ~~length~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.57.00

0

10-00.30

20.50

50

10.03.00

10.18.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5 med 3 small crabs for fish
 one pair of mackerels, one of eels, 1 of menhaden
 1 bright 1 sea urchin, 1 squid, 1 crab, 1 shrimp

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Trawl conic down

REMARKS.

Trawl conic down
 with coral of various species
 Sponges, etc.
 Small crustaceans plentiful
 etc. A good haul

SLP

No. 2618

Date

Oct 25 1885

Tanner Machine. Reel.

Turns 17 Cor. +

Depth 17

Shot or lead 18

Bottom cor. yk S. brk sh.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 74 Drift. 1/4 m East

Trawl or dredge or tangles S. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10 41.00

0

10 55.00

13.00

50 100

57.40

11, 11.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Tried
14
band lines for fish. : caught
Bass, 2 scup, 1 dogfish, 1 grunts
between 10.40 & 10.55 A.M.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Temp. continued
 REMARKS.

*Cor. of temperature taken
 and was 8th*

567. SLP

No. 2619

Date Oct 20 1885

Tanner Machine. Reel.

Turns 15 Cor. + Depth 15

~~Shot or lead~~ 18 lbs

Bottom crs. yel S. brk. Sh. str. S.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 74 Drift. 1/4 SE

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.33.00

0

11.33.00 33.00

500

21.00 11.31.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Towed hand line for fish 300 yds.
 2 sea bass
 1 between 11.33 & 11.40

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Dredge contained

REMARKS.

1/2 m. deep in sand
 at bottom of sand coral

No. *2620* Date *Oct 20 1885*
Tanner Machine. Reel.

Turns *15* Cor. + Depth *15*

~~Shot or lead~~ *18 lbs.*

Bottom *gy. S. str. Co.*

Bottom temperature *not taken*

No. of Thermometer Cor.

Corrected temperature

Air *78* Surface *75* Drift. $\frac{1}{4}$ m ESE

Trawl ~~or dredge or tangles~~ *S.B.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1150.00

0

12,13.00

30.10

4800

" 14.40

28.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Tried and came up after Trawl came up
 and caught 16 live Bays.*

*Tried and came up after Trawl came up
 and caught 16 live Bays.*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Found continued

REMARKS.

Coral, shells & shells

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Drawn, continued

REMARKS.

*Good strong hydraulic
white sand.*

Tanner Machine. Reel.

~~Shot or lead~~ 18 lbs

Bottom ~~of~~ S. Eng Co

Bottom temperature not taken.

No. of Thermometer . . . Cor.

Corrected temperature

Air 76 Surface 70 Drift. $\frac{1}{4}$ m ESE

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.00.00		0	3,48.00	02.00
		50	50.00	4,00.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

From 0.1000
Long 11.1000

567.

Same position as 2622

No. 2623 Date Oct 20 1895

Machine. Reel.

Turns 15 Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air

Surface

Drift $\frac{1}{4}$ m ESE

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4,09.00	2400
		100	10.40	4 22.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Frank C. ...

REMARKS.

Large thongie. ascidian.
 ... the Hol...

507. *Am*

No. *2624* Date *1881-1-1*

1925 Machine. *W* Reel.

Turns *234* Cor. + *2* Lk. Depth *258*

Shot or lead *35 lb.*

Bottom *gy. s. bk. sp.*

Bottom temperature *46*

No. of Thermometer Cor. *- .2*

Corrected temperature *45.8*

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	<i>31.00</i>	<i>33.00</i>
		200		<i>30.10</i>
		300	<i>29.00</i>	<i>28.00</i>
		400	<i>43.00</i>	<i>25.</i>
		500		<i>7.21.00</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2625 Date: Oct 2/21

Sigsbee Machine. / Reel.

Turns 225 Cor. + 22 Depth

Shot or lead 35 lb

Bottom

Bottom temperature 46

No. of Thermometer Cor. - 2

Corrected temperature 45.8

Air 74 Surface 76 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

No.

Date

Machine.

Reel.

Turns

Cor. +

31

Depth

353

Shot or lead

Bottom

fine

Bottom temperature

No. of Thermometer

Cor. -

3

Corrected temperature

29.7

Air

6

Surface

Drift. 12

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700	9 2 00 1	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2661* / Date *Nov 21*
Machine. / Reel.
 Turns *4100* Cor. + *37* Depth *437*
 Shot or lead *35 lb*
 Bottom *gl. M.*
 Bottom temperature *39*
 No. of Thermometer Cor. - *2*
 Corrected temperature *39.0*
 Air *60* Surface *74* Drift. *1 1/2*
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 1/2 *2 01.00*

0

2.06.00 *112 00**48 00* *2 00.00*

100

11 00 *39 00**1.07.00*

200

15.00 *21**1.57.00*

300

15.10 *33 00**1.55.00*

400

22 00 *30.00*

500

26 00 *27 00*

600

31 00 *24.00*

700

34.00 *21.00*

800

38.00 *17.00*

900

211.00 *3.13.00*

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2628 Date Oct 21

Machine. Reel.

Turns 41 Cor. + Depth

Shot or lead 35 lb

Bottom yf mud

Bottom temperature

No. of Thermometer Cor. - 2

Corrected temperature 57.5

Air 71 Surface 77 Drift 1/2

Trawl or dredge or tangles 18

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	17.11	0		
	16.51	100		
03.00	15.00	200	59.00	50.00
05.00	14.00	300		
07.00	12.00	400	16.00	43.00
		500		
		600	14.00	35.10
		700	18.00	31.00
		800	22.00	27.00
		900	26.00	22.00
		1000	30.00	17.00
		1100	34.00	14.30
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	80.0	53734	-.1	79.9
50	79.2	53734	-.1	79.1
100	78.2	53734	-.1	78.1
200	77.2	53734	-.2	77.0
300	76.2	53734	-.3	75.9
400	40.2	53734	-.3	40.0
500				
600				
700				
800				
900				
1000				

REMARKS.

For Encke's Mission

No. *Hyd 869* Date *Feb'y 23rd 1886*
Sigsbee Machine. / Reel.

Turns *510* Cor. *47* Depth *557*

~~Shot or lead~~ *35 lbs.*

Bottom *gy S. & S. Sp.*

Bottom temperature *40*

No. of Thermometer *53734* Cor. *-.3*

Corrected temperature *39.7*

Air *69* Surface *70* *Clear* *Drift* *None*

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.36.00</i>	<i>48.30</i>	0		
<i>37.00</i>	<i>47.30</i>	100		
<i>38.00</i>	<i>46.40</i>	200		
<i>39.00</i>	<i>45.40</i>	300		
<i>40.15</i>	<i>44.50</i>	400		
<i>41.30</i>	<i>43.30</i>	500		
<i>41.40</i>	<i>43.20</i>	<i>510</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *170* Date *July 22nd '86*
Sigsbee Machine. *1* Reel. *1*

Turns *522* Cor. + *48* Depth *570*

~~Shot or lead~~ *35 lbs*

Bottom *gy. s. bk. sp.*

Bottom temperature *40*

No. of Thermometer *53734* Cor. *-.3*

Corrected temperature

Air *71* Surface *68* *39.7* *Drift. none*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12 1-030</i>	<i>14 15</i>	0		
<i>01.40</i>	<i>13.15</i>	100		
<i>02.50</i>	<i>12 12</i>	200		
<i>04.15</i>	<i>11.20</i>	300		
<i>05.40</i>	<i>10 25</i>	400		
<i>07.15</i>	<i>09.20</i>	500		
<i>07.50</i>	<i>09.00</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1871* Date *July 23^d 86*
Sigsbee Machine. *1* Reel.

Turns *524* Cor. *48* Depth *572*

~~Shot or lead~~ *35 lbs.*

Bottom *gy S. & br sp.*

Bottom temperature *39.2*

No. of Thermometer *53731* Cor. *- .3*

Corrected temperature *38.9*

Air *73* Surface *73* Drift. *none*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1.30.00</i>	<i>42.20</i>	<i>0</i>		
<i>30 45</i>	<i>41.20</i>	<i>100</i>		
<i>31 40</i>	<i>40.20</i>	<i>200</i>		
<i>32 45</i>	<i>39.20</i>	<i>300</i>		
<i>33.50</i>	<i>38.00</i>	<i>400</i>		
<i>34.55</i>	<i>37.00</i>	<i>500</i>		
<i>35.10</i>	<i>36.40</i>	<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 872* Date *February 23rd 86*
Sigsbee Machine. / Reel.

Turns *533* Cor. + *48* Depth *581*

Shot or lead *35 lb*

Bottom *gy S. br Sp.*

Bottom temperature *40*

No. of Thermometer *53734* Cor. - *.3*

Corrected temperature *39.7*

Air *86* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2 58.00</i>	<i>09.50</i>	0		
<i>58.45</i>	<i>08.50</i>	100		
<i>59.40</i>	<i>07.50</i>	200		
<i>3 00.40</i>	<i>06.50</i>	300		
<i>01.45</i>	<i>05.50</i>	400		
<i>02.50</i>	<i>04.40</i>	500		
<i>03.20</i>	<i>04.30</i>	<i>533</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 873* Date *July 23rd 86*
Sigsbee Machine. Reel.

Turns *550* Cor. + *50* Depth *600*

~~Shot or lead~~ *35-lbs.*

Bottom *ss. S.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. - *.3*

Corrected temperature *39.2*

Air *86* Surface *74* Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>44.40</i>	<i>57.55</i>	0		
<i>45.40</i>	<i>56.50</i>	100		
<i>46.45</i>	<i>55.55</i>	200		
<i>47.50</i>	<i>55.00</i>	300		
<i>48.50</i>	<i>54.40</i>	400		
<i>50.00</i>	<i>52.40</i>	500		
<i>50.50</i>	<i>45.20.00</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *174* Date *Feb 25 '86*
Sigsbee Machine. | Reel.
 Turns *571* Cor. + *52* Depth *623*
 Shot on lead *35 lbs.*
 Bottom *gy. S. H. K. Sp.*
 Bottom temperature *39.2*
 No. of Thermometer *53734* Cor. *-1*
 Corrected temperature *38.2*
 Air *71* Surface *70* Drift. *none*
 Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>6 45.15</i>	<i>7 02.20</i>	0		
<i>46 30</i>	<i>59.00</i>	100		
<i>47 30</i>	<i>57.55</i>	200		
<i>48 30</i>	<i>56.50</i>	300		
<i>49.40</i>	<i>55.50</i>	400		
<i>50 50</i>	<i>54.30</i>	500		
<i>51 50</i>	<i>53.20</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200	14			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

875

Date

July 23 1882

Machine. / Reel.

Turns 700 Cor. + 62

Depth 762

Shot or lead 35 lb

Bottom 03 -

Bottom temperature 40

No. of Thermometer 53734 Cor. - 3

Corrected temperature

Air 67. Surface 70

Drift. none

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

20-00	36.30	0		
21.30	36.00	100		
22.30	35.20	200		
23.35	34.30	300		
24.50	33.40	400		
25.00	32.50	500		
27.25	31.50	600		
29.00	30.00	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

21 AM

No. *5-6* Date *March 23*

Sigsbee Machine. / Reel.

Turns *2665* Cor. + *180* Depth *2845*

Shot or lead *35 lb*

Bottom *Co*

Bottom temperature *37*

No. of Thermometer *53734* Cor. *- .2*

Corrected temperature

Air *70* Surface *70* Drift *36*

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9. 58.00</i>	<i>26.30</i>	0		
<i>58.40</i>	<i>25.45</i>	100		
<i>10. 00.00</i>	<i>25.00</i>	200		
<i>01.20</i>	<i>24.05</i>	300		
<i>02.50</i>	<i>23.15</i>	400		
<i>04.15</i>	<i>22.30</i>	500		
<i>06.00</i>	<i>21.30</i>	600		
<i>07.30</i>	<i>20.30</i>	700		
<i>09.00</i>	<i>19.30</i>	800		
<i>11.00</i>	<i>18.30</i>	900		
<i>13.05</i>	<i>17.30</i>	1000		
<i>15.00</i>	<i>16.30</i>	1100		
<i>17.00</i>	<i>15.30</i>	1200		
<i>19.00</i>	<i>14.00</i>	1300		
<i>21.00</i>	<i>13.00</i>	1400		
<i>22.35</i>	<i>11.30</i>	1500		
<i>24.30</i>	<i>10.00</i>	1600		
<i>26.25</i>	<i>08.30</i>	1700		
<i>28.00</i>	<i>07.00</i>	1800		
<i>30.00</i>	<i>05.45</i>	1900		
<i>32.00</i>	<i>04.00</i>	2000		
<i>34.20</i>	<i>02.30</i>	2100		
<i>36.00</i>	<i>11.01.00</i>	2200		
<i>38.00</i>	<i>07.00</i>	2300		
<i>40.00</i>	<i>10.57.30</i>	2400		

10,42.0	55.20	2500	
44.30	52.00	2600	
46.00	50.00	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Small ...
... and ...
...

No. 877 Date Dec. 24 1886

Sigsbee Machine. / Reel.

Turns 3005 Cor. + 191 Depth 3196

Shot or lead 35 lb.

Bottom

Bottom temperature 37

No. of Thermometer 53734 Cor. - 2

Corrected temperature

Air 68 Surface 69 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12.51.00	43.15	0
53. -	42.30	100
54.10	41.45	200
55.20	41.00	300
56.30	40.15	400
58.00	39.30	500
59.30	38.40	600
1.01.15	37.50	700
02.45	37.00	800
04.00	36.10	900
06.00	35.15	1000
08.10	34.15	1100
10.15	33.15	1200
12.15	32.00	1300
14.30	30.45	1400
16.00	29.30	1500
18.00	28.30	1600
20.15	27.15	1700
22.00	26.15	1800
24.00	25.15	1900
26.00	23.30	2000
27.45	21.45	2100
30.00	20.00	2200
32.10	18.15	2300
34.15	16.15	2400

1.36.15	12.15	2500	
37.20	12.15	2600	
40.45	10.15	2700	
43.00	08.15	2800	
46.00	05.00	2900	
50.00	2.04.00	3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Foraminiferous mud

1.5.1900

No. *500* Date *Aug. 21 1886*

Sigsbee Machine. / Reel.

Turns *1300* Cor. + *107* Depth *1407*

Shot or lead *60 lbs.*

Bottom *hard no specimen*

Bottom temperature *38*

No. of Thermometer *53731* Cor. *-.2*

Corrected temperature

Air *69* Surface *71* *Cur. 8*
Drift. none

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.00</i>				
<i>20.00</i>	<i>50.00</i>	0		
<i>21.00</i>	<i>49.00</i>	100		
<i>22.00</i>	<i>48.00</i>	200		
<i>23.00</i>	<i>47.05</i>	300		
<i>24.00</i>	<i>46.05</i>	400		
<i>25.00</i>	<i>45.10</i>	500		
<i>26.00</i>	<i>44.15</i>	600		
<i>27.00</i>	<i>43.15</i>	700		
<i>28.00</i>	<i>42.00</i>	800		
<i>29.00</i>	<i>40.45</i>	900		
<i>30.00</i>	<i>39.30</i>	1000		
<i>31.05</i>	<i>38.00</i>	1100		
<i>32.00</i>	<i>36.30</i>	1200		
<i>33.15</i>	<i>4.35.00</i>	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 100 Date June 24 1876

Lissner Machine. / Reel.

Turns ~~634~~ Cor. + 57 Depth 69!

Shot or lead 35 lbs.

Bottom gy. S.

Bottom temperature 39.5

No. of Thermometer 53754 Cor. = 3

Corrected temperature

Air 65 Surface 71

Drift. *Myrica*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

III.

6.02.30	19.10	0
03.45	18.30	100
05.00	17.50	200
06.00	17.00	300
" "	" "	400
08.15	15.00	500
09.30	13.45	600
10.15	6.13. —	700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 580 Date Aug. 24, 1886
Sigsbee Machine. / Reel.

Turns 570 Cor. + 52 Depth 622

Shot or lead 25 lbs.

Bottom gy. s. m. & gy. s.

Bottom temperature 30.5

No. of Thermometer 5351 Cor. - 3

Corrected temperature

Air 60 Surface 71 Drift. 1.00

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
41.00	55.30	0		
42.10	54.45	100		
43.15	53.50	200		
44.15	53.00	300		
45.30	52.00	400		
46.45	51.00	500		
47.50	50.00	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *581* Date *Feb 11 1881*

Machine. / Reel.

Turns *581* Cor. *52* Depth *633*~~Shot or lead~~ *35 lbs*Bottom *gy & br S.*Bottom temperature *39 3/4*No. of Thermometer *5212* Cor. *-.3*Corrected temperature *35.5*Air *70* Surface *71* Drift. *0 0*

Trawl or dredge or tangles.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.30	23.30	0
11.30	22.35	100
12.25	21.45	200
13.30	20.55	300
14.30	19.55	400
15.35	19.00	500
16.15	18.00	581

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 882* Date *Feb 24 '86*
Sigsbee Machine. *1* Reel.
 Turns *621* Cor. + *56* Depth *677*
~~Shot or lead~~ *35 lbs*
 Bottom *br. S.*
 Bottom temperature *39.2/10*
 No. of Thermometer *53734* Cor. *- .2*
 Corrected temperature *35.0*
 Air *72* Surface *71* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.41.40	54.50	0
42.30	54.00	100
43.30	53.10	200
44.25	52.15	300
45.20	51.15	400
46.25	50.10	500
47.30	49.25	600
48.00	48.55	700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 883* Date *Feb'y 24' 86*
 Signature _____ Machine. *1* Reel.

Turns *647* Cor. *58* Depth *705*

~~Shot or lead~~ *35 lb.*

Bottom *gy and br S.*

Bottom temperature *39.4*

No. of Thermometer *53734* Cor. *-0.3*

Corrected temperature *39.1*

Air *74* Surface *71* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>12.08.00</i>	<i>23.00</i>	0		
<i>09.10</i>	<i>22.00</i>	100		
<i>10.15</i>	<i>21.00</i>	200		
<i>11.15</i>	<i>20.00</i>	300		
<i>12.20</i>	<i>19.00</i>	400		
<i>13.20</i>	<i>18.00</i>	500		
<i>14.30</i>	<i>16.50</i>	600		
<i>15.00</i>	<i>16.00</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 884* Date *Feb'y 24 '86*
Sigsbee Machine. Reel.

Turns *700* Cor. + *62* Depth *762*

Shot ~~or lead~~ *60*

Bottom *For.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. - *.3*

Corrected temperature *39.2*

Air *70* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.08.20</i>	<i>22.30</i>	0		
<i>09.20</i>	<i>21.50</i>	100		
<i>10 10</i>	<i>21.00</i>	200		
<i>11 05</i>	<i>20.20</i>	300		
<i>12 05</i>	<i>19.25</i>	400		
<i>13.10</i>	<i>18.25</i>	500		
<i>14.05</i>	<i>17.25</i>	600		
<i>15.10</i>	<i>16.15</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

855

Date

Feb 24

Machine.

Reel.

Turns 112 Cor. 1

Depth

Shot or lead

35

Bottom

Bottom temperature

No. of Thermometer 53746 Cor.

Corrected temperature

Air

Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-16.00	17.50	0		
17.10	16.40	100		
18.30	15.50	200		
19.40	14.50	300		
21.10	13.40	400		
22.40	12.30	500		
24.20	11.10	600		
25.00	09.50	700		
	08.30	800		
28.15	07.05	900		
	05.30	1000		
33.45	04.00	1100		
01.20	02.50	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date _____

Machine. / Reel.

Turns 2 4/30 Cor. 1

Depth

Shot or Level 60

Bottom

Bottom temperature

No. of Thermometer 53734 Cor.

Corrected temperature

<i>Air</i>	/	<i>Surface</i>)	<i>Drift.</i>
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Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
57 25.00		0		
26.50		100		
27.00		200		
28.00		300		
28.50		400		
29.50		500		
30.50		600		
31.50		700		
33.00		800		
34.00		900		
35.00		1000		
36.30		1100		
38.00		1200		
40.00		1300		
41.00		1400		
41.40		1500		
43.00		1600		
		1700		
45.50		1800		
47.40		1900		
49.50		2000		
51.20		2100		
52.40		2200		
53.50	56.50	2300		
		2400		

154.15	156.10	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.




No. *186* Date *July 35 85*

Machine. / Reel.

Turns *2623* Cor. + *138* Depth *2761*Shot or lead *60*

Bottom

Bottom temperature

No. of Thermometer *54812* Cor.

Corrected temperature

Air *70* Surface *71* Drift. *2k. 5 x E 1/2*Trawl or dredge or tangles *Long Sw x W*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6 45 00</i>	<i>52 00</i>	0		
<i>45 00</i>	<i>55 00</i>	100		
<i>47 00</i>	<i>54 35</i>	200		
<i>47 50</i>	<i>53 50</i>	300		
<i>48 45</i>	<i>53 00</i>	400		
<i>49 40</i>	<i>52 10</i>	500		
<i>50 30</i>	<i>51 20</i>	600		
<i>51 30</i>	<i>50 25</i>	700		
<i>52 35</i>	<i>49 25</i>	800		
<i>53 30</i>	<i>48 00</i>	900		
<i>54 45</i>	<i>47 15</i>	1000		
<i>56 00</i>	<i>46 10</i>	1100		
<i>57 00</i>	<i>45 00</i>	1200		
<i>58 00</i>	<i>43 50</i>	1300		
<i>59 30</i>	<i>42 30</i>	1400		
<i>60 00</i>	<i>41 10</i>	1500		
<i>61 10</i>	<i>40 00</i>	1600		
<i>62 30</i>	<i>38 00</i>	1700		
<i>63 15</i>	<i>36 30</i>	1800		
<i>64 15</i>	<i>35 20</i>	1900		
<i>65 15</i>	<i>34 00</i>	2000		
<i>66 35</i>	<i>32 00</i>	2100		
<i>68 00</i>	<i>30 15</i>	2200		
<i>69 20</i>	<i>28 30</i>	2300		
<i>70 45</i>	<i>26 40</i>	2400		

14 35	24.45	2500	
18 30	21.35	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1171

No. 887 Date Feb 26 1886

Sigsbee Machine. # Reel.

Turns 2445 Cor. + 134 Depth 2589

Shot ~~at lead~~ 60

Bottom br Gg.

Bottom temperature X

No. of Thermometer 53731 Cor.

Corrected temperature

Air 73 Surface 72 Drift. 1/2 71 1/2

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
4 134.00	413.00	0		
15.00	42.00	100		
16.35	41	200		
18.05	40.00	300		
19.30	39.00	400		
21.10	38.00	500		
	37.00	600		
24.15	36.00	700		
25.40	35.00	800		
27.25	34.00	900		
29.00	33.00	1000		
30.30	32.20	1100		
32.40	30.50	1200		
33.50	29.00	1300		
35.30	27.45	1400		
	26.45	1500		
38.35	25.30	1600		
	24.00	1700		
41.45	22.00	1800		
43.30	20.30	1900		
45.35	19.00	2000		
47.20	17.00	2100		
49.00	15.00	2200		
50.50	10.00	2300		
52.20	5.00	2400		

54,20	4,58,00	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2nd measurement 6.5 m in the water
 1st measurement 5.5 m in the water
 Sampling cup partly full
 filled with for

No. 858 Date Jan. 26, 1886

Machine. / Reel.

Turns 2572 Cor. + 137 Depth 2709

Shot or lead 60 lbs.

Bottom br. oz.

Bottom temperature 37

No. of Thermometer 53731 Cor. - 3

Corrected temperature 34.5

Air 74 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.40. -	50.45	0		
41.20	50.00	100		
42.30	49.10	200		
43.45	48.15	300		
44.50	47.15	400		
46.00	46.20	500		
47.15	45.20	600		
48.30	44.30	700		
49.50	43.35	800		
51.10	42.45	900		
52.30	41.45	1000		
53.45	40.40	1100		
55.00	39.30	1200		
56.15	38.30	1300		
57.45	37.30	1400		
59.10	36.30	1500		
11.00.45	35.15	1600		
03.00	34.30	1700		
04.45	33.00	1800		
06.50	31.30	1900		
08.20	30.00	2000		
10.00	26.45	2100		
11.45	25.00	2200		
13.15	23.45	2300		
14.45	11.22.00	2400		

11.15.30	20.5	2500	
17.15	11.15.15	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

113
61567.

No. *113* Date *May 20 1886*

Machine. / Reel.

Turns *2504* Cor. *1.35* Depth *2539*

Shot or lead *60 lbs*

Bottom *br. s.*

Bottom temperature *37.7*

No. of Thermometer *53731* Cor. *-.3*

Corrected temperature *37.6*

Air *76* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.56.00</i>	<i>02. -</i>	<i>0</i>		
<i>56.40</i>	<i>01.10</i>	<i>100</i>		
<i>2.00.45</i>	<i>4.00.30</i>	<i>200</i>		
<i>06.55</i>	<i>55.50</i>	<i>300</i>		
<i>03.00</i>	<i>50.05</i>	<i>400</i>		
<i>01.25</i>	<i>55.20</i>	<i>500</i>		
<i>05.25</i>	<i>57.30</i>	<i>600</i>		
<i>01.30</i>	<i>56.30</i>	<i>700</i>		
<i>01.45</i>	<i>56.30</i>	<i>800</i>		
<i>09.00</i>	<i>54.30</i>	<i>900</i>		
<i>10.20</i>	<i>52.30</i>	<i>1000</i>		
<i>11.40</i>	<i>50.30</i>	<i>1100</i>		
<i>12.00</i>	<i>51.30</i>	<i>1200</i>		
<i>14.20</i>	<i>50.20</i>	<i>1300</i>		
<i>15.40</i>	<i>46.0</i>	<i>1400</i>		
<i>17.00</i>	<i>47.50</i>	<i>1500</i>		
<i>18.20</i>	<i>45.30</i>	<i>1600</i>		
<i>19.45</i>	<i>45.10</i>	<i>1700</i>		
<i>21.15</i>	<i>43.30</i>	<i>1800</i>		
<i>22.45</i>	<i>42.30</i>	<i>1900</i>		
<i>24.15</i>	<i>41.00</i>	<i>2000</i>		
<i>25.30</i>	<i>39.30</i>	<i>2100</i>		
<i>27.00</i>	<i>37.00</i>	<i>2200</i>		
<i>28.30</i>	<i>36.30</i>	<i>2300</i>		
<i>30.00</i>	<i>35.5</i>	<i>2400</i>		

3,31.30	3.33. —	2500.		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Ex. copied to date

No. *Hyd 890* Date *Feb 26* 188*6*
Sigsbee Machine. 1. Reel.Turns *1061* Cor. *+**74*Depth *1135*Shot or lead *35*Bottom *hnd*Bottom temperature *39*No. of Thermometer *53731* Cor. *-.4*

Corrected temperature

*38.6*Air *74* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>6.52.00</i>	<i>20.00</i>	0		
<i>5.58.00</i>	<i>19.00</i>	100		
<i>5.56.00</i>	<i>18.20</i>	200		
<i>5.57.10</i>	<i>17.35</i>	300		
<i>5.58.40</i>	<i>16.50</i>	400		
<i>7 00.00</i>	<i>15.55</i>	500		
<i>01.25</i>	<i>15.00</i>	600		
<i>03.00</i>	<i>14.00</i>	700		
<i>04.40</i>	<i>13.00</i>	800		
<i>06.20</i>	<i>12.00</i>	900		
<i>08.00</i>	<i>11.00</i>	1000		
<i>09.00</i>	<i>10.40</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

7

No. *Hyd 891* Date *Feb'y 27" 86*
Sigsbee Machine. / Reel.

Turns *497* Cor. + *38* Depth *535*

~~Shot or lead~~ *35 lbs.*

Bottom *co.*

Bottom temperature *44.2*

No. of Thermometer *53731* Cor. - *4*

Corrected temperature *43.8*

Air *77* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12,54.10</i>	<i>06.00</i>	0
<i>55,25</i>	<i>05.05</i>	100
<i>56,35</i>	<i>04.15</i>	200
<i>57.45</i>	<i>03.20</i>	300
<i>58.55</i>	<i>02.15</i>	400
<i>1.00,10</i>	<i>01.00</i>	500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 892* Date *Feb'y 27th '86*
Sigsbee Machine. / Reel.

Turns *1184* Cor. *80* Depth *1264*

~~Shot or lead~~ *35 lbs*

Bottom *wh. Co. S.*

Bottom temperature *38.2*

No. of Thermometer *53731* Cor. *-.3*

Corrected temperature *38.2*

Air *77* Surface *76* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1 56.45</i>	<i>27.30</i>	0		
<i>58 10</i>	<i>26.40</i>	100		
<i>59.30</i>	<i>25.50</i>	200		
<i>2.00.50</i>	<i>24.55</i>	300		
<i>02.20</i>	<i>24.00</i>	400		
<i>03.40</i>	<i>23.00</i>	500		
<i>05.00</i>	<i>21.55</i>	600		
<i>06.30</i>	<i>20.50</i>	700		
<i>07.50</i>	<i>19.40</i>	800		
<i>09 20</i>	<i>18.30</i>	900		
<i>10.50</i>	<i>17.10</i>	1000		
<i>12.15</i>	<i>15.55</i>	1100		
<i>13.20</i>	<i>14.30</i>	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 893* Date *Feby 27" '86*
Sigsbee Machine. / Reel.

Turns *1183* Cor. + *80* Depth *1263*

~~Shot~~ lead *35 lbs*

Bottom *lt br. Oz.*

Bottom temperature *38½*

No. of Thermometer *53731* Cor. - *.3*

Corrected temperature *38.2*

Air *79* Surface *77* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.17.20</i>	<i>47.50</i>	0		
<i>18.40</i>	<i>46.50</i>	100		
<i>20.00</i>	<i>46.00</i>	200		
<i>21.10</i>	<i>45.05</i>	300		
<i>22.25</i>	<i>44.00</i>	400		
<i>23.40</i>	<i>43.00</i>	500		
<i>25.05</i>	<i>41.55</i>	600		
<i>26.30</i>	<i>40.50</i>	700		
<i>27.55</i>	<i>39.35</i>	800		
<i>29.25</i>	<i>38.20</i>	900		
<i>30.50</i>	<i>37.00</i>	1000		
<i>32.15</i>	<i>35.40</i>	1100		
<i>33.50</i>	<i>34.30</i>	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507.

No. 894

Date March 20/56

Machine. 2 Reel.

Turns 771 Cor. 7.2 Depth 850

Shot or lead 35

Bottom Co. S.

Bottom temperature 39.5

No. of Thermometer 05131 Cor. - .4

Corrected temperature 39.1

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 370 Date March 84 S.L.

Sigsbee Machine. 2 Reel.

Turns 600 Cor. 57 Depth 657

Shot or lead 35 lb

Bottom Co. S.

Bottom temperature 40.5

No. of Thermometer 58281 Cor. -.4

Corrected temperature 40.1

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	1.55	0		
17.55	1.50	100		
18.55	1.45	200		
19.55	1.40	300		
20.55	1.35	400		
21.55	1.30	500		
22.55	1.25	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 195 Date March 8 1881

Machine. Reel.

Turns 935 Cor. + 85 Depth 1017

Shot or lead 35 lbs.

Bottom Co. S.

Bottom temperature 39

No. of Thermometer 53731 Cor. - .3

Corrected temperature 38.7

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.40.15	15.20	0		
50.30	14.30	100		
51.35	13.35	200		
52.40	12.40	300		
53.50	11.40	400		
55.00	10.40	500		
56.10	09.30	600		
57.30	08.10	700		
58.50	06.50	800		
9.00.10	05.20	900		
03.30	9.05.00	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 597 Date March 8
Sigsbee Machine. 2 Reel.
 Turns 528 Cor. + 50 Depth 578
 Shot or lead 35 lbs.
 Bottom co. S.
 Bottom temperature 42.7
 No. of Thermometer 53731 Cor. - .4
 Corrected temperature 42.3
 Air 78 Surface 75 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
40.15	56.20	0		
1.15	55.10	100		
1.20	54.10	200		
2.0	53.10	300		
2.50	52.10	400		
3.15	51.45	500		
3.50	51.0	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 805 *5170* Date *March 8 1886**Sigsbee* Machine. 2 Reel.

Turns 105 Cor. + 10 Depth 115

Shot or lead 35 lbs

Bottom *wh. S. Co.*

Bottom temperature 68

No. of Thermometer 53731 Cor. - 2

Corrected temperature 65.5

Air 75 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>0.30</i>		0		
<i>36.50</i>	<i>40.15</i>	100		
	<i>10.20.10</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2620* Date *March*
Sigsbee Machine. *2* Reel.

Turns *1075* Cor. + *94* Depth *1169*

Shot or lead *35 lbs*

Bottom *Co. S.*

Bottom temperature *38.7*

No. of Thermometer *53731* Cor. - *.3*

Corrected temperature *38.4*

Air *73* Surface *73* Drift. *2 1/2 m. S. 1 1/4 E.*

Trawl or dredge or *anchors* *Large beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>0. m.</i>			<i>p. m.</i>	
<i>1. 10.</i>	<i>35.50</i>	<i>0</i>	<i>12. 07.</i>	<i>09. 00</i>
<i>11.</i>	<i>35.05</i>	<i>100</i>	<i>12. 15</i>	<i>06. 10</i>
<i>12.</i>	<i>34.20</i>	<i>200</i>	<i>16. 00</i>	<i>03. 45</i>
<i>13.</i>	<i>33.30</i>	<i>300</i>	<i>20. 25</i>	<i>3. 01. 30</i>
		<i>400</i>	<i>24. 30</i>	<i>35. 10</i>
<i>15. 15</i>	<i>31. 10</i>	<i>500</i>	<i>28. 25</i>	<i>53. 45</i>
<i>16. 25</i>	<i>30. 10</i>	<i>600</i>	<i>32. 40</i>	<i>52. 00</i>
<i>17. 35</i>	<i>28. 50</i>	<i>700</i>	<i>36. 45</i>	<i>50. 15</i>
<i>18. 50</i>	<i>27. 50</i>	<i>800</i>	<i>40. 40</i>	<i>47. 15</i>
<i>20. 05</i>	<i>26. 40</i>	<i>900</i>	<i>44. 30</i>	<i>43. 15</i>
<i>21. 20</i>	<i>25. 30</i>	<i>1000</i>	<i>48. 25</i>	<i>35. 45</i>
<i>22. 15</i>	<i>24. 15</i>	<i>1100</i>	<i>52. 15</i>	<i>30. 00</i>
		<i>1200</i>	<i>55. 00</i>	<i>23. 45</i>
		<i>1300</i>	<i>58. 45</i>	<i>17. 45</i>
		<i>1400</i>	<i>1. 02. 40</i>	<i>06. 00</i>
		<i>1500</i>	<i>06. 30</i>	<i>2. 02. 00</i>
		<i>1600</i>	<i>10. 15</i>	<i>57. 00</i>
		<i>1700</i>	<i>14. 00</i>	<i>52. 00</i>
		<i>1800</i>	<i>24. 45</i>	<i>1. 48. 00</i>
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. haul contents
 1. haul contents of 1 haul
 of coral etc. etc.
 of coral etc. etc.

No. 66 Date Jan 8/10

Machine. 2 Reel.

Turns 775 Cor. + 70 Depth 81.5

Shot or lead 35 lbs—

Bottom 100 fms. ...

Bottom temperature 39°

No. of Thermometer 53731 Cor. - 4

Corrected temperature 35.2

Air 74 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.44.30	02.00	0
45.30	01.15	100
46.30	4.00.30	200
	50.40	300
48.40	58.45	400
49.50	57.45	500
51.15	55.45	600
52.30	55.45	700
53.45	55.45	800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 900* Date *March 8th 1886*
Machine. 2 Reel.
 Turns *680* Cor. *61* Depth *1741*
 Shot ~~on lead~~ *35 lb*
 Bottom *wh S. rd + G K Sp. For.*
 Bottom temperature *39.7*
 No. of Thermometer *53731* Cor. *4*
 Corrected temperature *35.5*
 Air *73* Surface *75* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.49.30</i>	<i>05.00</i>	0		
<i>50.40</i>	<i>04.10</i>	100		
<i>51.45</i>	<i>03.30</i>	200		
<i>52.50</i>	<i>02.40</i>	300		
<i>54.00</i>	<i>02.10</i>	400		
<i>55.05</i>	<i>5.01.00</i>	500		
<i>56.25</i>	<i>4 59.50</i>	600		
<i>57 15</i>	<i>5.00.00</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 901* Date *March 8th 1886*
Sigsbee Machine. Reel.
 Turns *20* Cor. *2* Depth *22*
~~Shot or~~ lead *35 lbs.*
 Bottom *wh. S. br. Sp. Sh.*
 Bottom temperature *74 1/2*
 No. of Thermometer *53731* Cor. *2*
 Corrected temperature *74.3*
 Air *73* Surface *74* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.54.30</i>	<i>5.56.01</i>	0		
<i>54.50</i>	<i>55.20</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. •

Sigsbee
 No. *902* Date *March 8th 1886*
Sigsbee Machine. Reel.
 Turns *2038* Cor. + *156* Depth *2194*
~~Shot or lead~~ *35 lbs.*
 Bottom *br. m. co. s.*
 Bottom temperature *37.5*
 No. of Thermometer *53731* Cor. - *3*
 Corrected temperature *37.2*
 Air *72* Surface *74* Drift.
 Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>7.36.20</i>	<i>22.40</i>	0		
<i>37.45</i>		100		
<i>39.00</i>	<i>22.20</i>	200		
<i>40.10</i>	<i>22.20</i>	300		
<i>41.30</i>	<i>22.20</i>	400		
<i>42.45</i>	<i>22.30</i>	500		
<i>44.00</i>	<i>22.30</i>	600		
<i>45.25</i>	<i>22.30</i>	700		
<i>46.50</i>	<i>22.30</i>	800		
<i>48.15</i>	<i>22.30</i>	900		
<i>49.50</i>	<i>21.30</i>	1000		
<i>52.10</i>	<i>20.40</i>	1100		
<i>54.05</i>	<i>20.00</i>	1200		
<i>56.20</i>	<i>20.30</i>	1300		
<i>57.45</i>	<i>20.00</i>	1400		
<i>59.30</i>	<i>19.30</i>	1500		
<i>8.01.20</i>	<i>19.00</i>	1600		
<i>02.55</i>	<i>19.00</i>	1700		
<i>05.30</i>	<i>17.30</i>	1800		
<i>06.30</i>	<i>15.30</i>	1900		
<i>07.30</i>	<i>12.30</i>	2000		
<i>08.10</i>	<i>11.30</i>	2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 100

Date

Machine. 2. Reel.

Turns 2311 Cor. + 171 Depth 2512

Shot or lead 60 lb

Bottom brn oz

Bottom temperature 37

No. of Thermometer 3731 Cor. - .3

Corrected temperature 36.5

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-00	24.30	0		
1-10	24.00	100		
1-20	23.00	200		
1-30	22.25	300		
1-40	21.30	400		
1-50	20.50	500		
2-00	20.00	600		
2-10	19.30	700		
2-20	17.30	800		
2-30	16.00	900		
2-40	15.30	1000		
2-50	14.00	1100		
3-00	13.00	1200		
3-10	11.30	1300		
3-20	10.00	1400		
3-30	09.30	1500		
3-40	08.30	1600		
3-50	07.00	1700		
4-00	06.30	1800		
4-10	05.00	1900		
4-20	04.00.10	2000		
4-30	03.00	2100		
4-40	02.00	2200		
4-50	01.50	2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *504*, Date *March 9, 1880*Machine. *2* Reel.Turns *368* Cor. *+ 160* Depth *5255*Shot or lead *60 lbs.* -Bottom *br. Oz.*Bottom temperature *36.8*No. of Thermometer *5533* Cor. - *.3*Corrected temperature *36.5*Air *72* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *155* Date *Dec 10 1881**Liscoe* Machine. *2* Reel.Turns *1000*, Cor. + *140* Depth *2061*Shot or lead *35 lbs.*Bottom *br. O.*

Bottom temperature

No. of Thermometer *53* Cor. *- .3*Corrected temperature *35.7*Air *72* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>3.20.00</i>		0		
<i>20.50</i>	<i>12.5</i>	100		
<i>21.45</i>	<i>11.30</i>	200		
<i>22.40</i>		300		
<i>23.30</i>	<i>09.50</i>	400		
<i>24.00</i>	<i>09.00</i>	500		
<i>26.15</i>	<i>08.10</i>	600		
<i>27.30</i>	<i>07.15</i>	700		
<i>28.50</i>	<i>06.15</i>	800		
<i>30.10</i>	<i>05.00</i>	900		
<i>31.45</i>	<i>04.15</i>	1000		
<i>33.15</i>	<i>03.10</i>	1100		
<i>34.45</i>	<i>02.00</i>	1200		
<i>36.15</i>	<i>4.00.15</i>	1300		
<i>37.45</i>	<i>50.00</i>	1400		
<i>39.20</i>	<i>38.15</i>	1500		
<i>41.00</i>	<i>37.00</i>	1600		
<i>42.45</i>	<i>35.15</i>	1700		
<i>44.30</i>	<i>34.20</i>	1800		
<i>46.25</i>	<i>33.53</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 406* Date *March 9th 1886*
Sigsbee Machine. 2 Reel.Turns *135* Cor. + *14* Depth *149*~~Shot or~~ lead *35*Bottom *Co. S. & Sh.*Bottom temperature *65.3*No. of Thermometer *53731* Cor. *-.2*Corrected temperature *65.1*Air *78* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3.44.50</i>	<i>53.00</i>	0		
<i>45.55</i>	<i>51.00</i>	100		
<i>46.30</i>	<i>4 50.00</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567. *CAW*

No. 907 Date March 10 1886

Sigsbee Machine. 2 Reel.

Turns 1290 Cor. + 10.8 Depth 1398

~~Shot or lead~~ 35 lb

Bottom co. S

Bottom temperature 38.2

No. of Thermometer 53531 Cor. - .3

Corrected temperature 37.9

Air 71 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
11.30	51.30	200		
11.40	50.30	300		
11.50	49.30	400		
12.00	48.00	500		
12.10	47.00	600		
12.20	45.30	700		
	44.30	800		
	43.30	900		
	41.00	1000		
	39.30	1100		
55.00	38.00	1200		
56.30	8.36.00	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 768

Date

Machine. 2 Reel.

Turns 1233 Cor. + 105 Depth 1338

Shot ~~10 lb.~~ 35 lb.

Bottom 60. S.

Bottom temperature 38.5

No. of Thermometer 53731 Cor. - .3

Corrected temperature 38.2

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
16. 17.	11. 52	0		
18. 00	47. 50	100		
19. 00	47. 00	200		
20. 30	46. 00	300		
22. 00	45. 00	400		
23. 30	43. 30	500		
24. 30	42. 30	600		
26. 00	41. 00	700		
27. 00	40. 00	800		
28. 00	39. 00	900		
29. 30	38. 00	1000		
31. 00	36. 30	1100		
33. 00	35. 00	1200		
33. 00	34. 15	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *909*Date *June 1*Machine. *2* Reel.Turns *09* Cor. + *00*Depth *409*~~Shot or lead~~ *35 lb*Bottom *Co S.*Bottom temperature *28.5*No. of Thermometer *53731* Cor. - *0.2*Corrected temperature *28.3*Air *72* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*12 - 08.30**25.00*

0

*09.30**22.00*

100

*10.30**23.00*

200

24.00

300

25.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. 2 Reel.

Turns 961 Cor. + 86 Depth 104

~~Shot~~ lead 35 lb.

Bottom Co. S.

Bottom temperature 38.2

No. of Thermometer 53731 Cor. - .4

Corrected temperature

Air 69 Surface 73 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-25-30	2700	0		
25-10	100	100		
25-10	4700	200		
25-10	200	300		
25-10	100	400		
25-10	100	500		
25-10	100	600		
25-10	100	700		
25-10	100	800		
25-10	100	900		
25-10	100	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *911*Date *March 10 1886*Machine. *7* Reel.Turns *1173* Cor. *1*Depth *1211*~~Shot or~~ lead *35 lb*Bottom *co s*Bottom temperature *38.6*No. of Thermometer *55781* Cor. *- .3*Corrected temperature *38.3*Air *68* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2	418.50	2035	0		
	412.10	17.30	100		
	405.50	16.00	200		
	399.10	14.50	300		
	392.50	13.50	400		
	386.10	12.50	500		
	379.50	11.50	600		
	373.10	10.50	700		
	366.50	9.50	800		
	360.10	8.50	900		
	353.50	7.50	1000		
	347.10	6.50	1100		
	340.50	5.50	1200		
	334.10	4.50	1300		
	327.50	3.50	1400		
	321.10	2.50	1500		
	314.50	1.50	1600		
	308.10	0.50	1700		
	301.50		1800		
	295.10		1900		
	288.50		2000		
	282.10		2100		
	275.50		2200		
	269.10		2300		
	262.50		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP. .	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. *10* Date *16-1-1881*

Machine. *2* Reel.

Turns *350* Cor. *31* Depth *361*

Shot or lead *35 lbs.*

Bottom *Ga. S.*

Bottom temperature *54.5*

No. of Thermometer *5321* Cor. *- 2*

Corrected temperature *6-4-3*

Air *69* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.1.10</i>	<i>4.3.30</i>	0		
		100		
<i>10.10</i>		200		
<i>11.10</i>		300		
<i>11.20</i>	<i>1.1.20</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *913* Date *March 10*Machine. *2* Reel.Turns *219* Cor. *2.4*Depth *273*Shot or lead *35 lbs*Bottom *fine sand*Bottom temperature *fine* *Take*No. of Thermometer *—* Cor.

Corrected temperature

Air *70* Surface *63* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

5.05.15 *12.30**0**00* *11.45**100**00* *10.55**200**00.50* *10.00**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

DREDGE ROPE.

DOWN.

UP.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 914* Date *March 11th 1886*
Sigsbee Machine. 2 Reel.

Turns *470* Cor. + *45* Depth *515*

~~Shot or lead~~ *35 lbs.*

Bottom *Co. S.*

Bottom temperature *none taken*

No. of Thermometer Cor.

Corrected temperature

Air *68* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 46 30</i>	<i>02.10</i>	0		
<i>47.20</i>	<i>01.10</i>	100		
<i>52 30</i>	<i>11.00.10</i>	200		
<i>53 40</i>	<i>59.10</i>	300		
<i>55 50</i>	<i>58.10</i>	400		
<i>56 00</i>	<i>57.10</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 915* Date *March 11th 1886*
Sigsbee Machine. 2 Reel.

Turns *965* Cor. + *16* Depth *1054*

~~Shot or lead~~ *35 lbs*

Bottom *Co. S. bk Sp.*

Bottom temperature *39*

No. of Thermometer *53731* Cor. *- 1*

Corrected temperature *38.6*

Air *67* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.13.00	42.10	0
14.10	41.05	100
15.40	40.10	200
17.10	39.10	300
18.50	38.05	400
20.45	36.55	500
23.00	35.40	600
25.00	34.30	700
26.50	33.30	800
28.00	32.00	900
29.00	31.00	1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 916* Date *March 11th 1886*
Sigsbee Machine. *2* Reel.

Turns *970* Cor. *86* Depth *1056*

Shot ~~or lead~~ *35 lbs*

Bottom *co s*

Bottom temperature *39*

No. of Thermometer *53731* Cor. *-.4*

Corrected temperature *38.6*

Air *68* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1.42.00</i>	<i>08.50</i>	<i>0</i>		
<i>45.50</i>	<i>07.40</i>	<i>100</i>		
<i>46.05</i>	<i>06.50</i>	<i>200</i>		
<i>48.15</i>	<i>06.00</i>	<i>300</i>		
<i>49.30</i>	<i>05.15</i>	<i>400</i>		
<i>50.50</i>	<i>04.25</i>	<i>500</i>		
<i>52.35</i>	<i>03.30</i>	<i>600</i>		
<i>54.10</i>	<i>02.35</i>	<i>700</i>		
<i>55.50</i>	<i>01.30</i>	<i>800</i>		
<i>57.10</i>	<i>2.00.30</i>	<i>900</i>		
<i>58.05</i>	<i>59.45</i>	<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 917* Date *March 11th 1886*
Sigsbee Machine. *2* Reel.
 Turns *894* Cor. *80* Depth *974*
 Shot or lead *35 lbs.*
 Bottom *co. S. bk Sp.*
 Bottom temperature *39½*
 No. of Thermometer *53731* Cor. *-.1*
 Corrected temperature *39.4*
 Air *68* Surface *73* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>3 03.30</i>	<i>28.00</i>	<i>0</i>		
<i>04.50</i>	<i>27.10</i>	<i>100</i>		
<i>05.50</i>	<i>26.10</i>	<i>200</i>		
<i>07.00</i>	<i>25.10</i>	<i>300</i>		
<i>10.00</i>	<i>24.00</i>	<i>400</i>		
<i>11.05</i>	<i>23.00</i>	<i>500</i>		
<i>12.20</i>	<i>21.40</i>	<i>600</i>		
<i>13.40</i>	<i>20.25</i>	<i>700</i>		
<i>15.00</i>	<i>19.00</i>	<i>800</i>		
<i>16.20</i>	<i>17.30</i>	<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *111* Date *Aug 11*
Sigsbee Machine. *2* Reel.
 Turns *110* Cor. + *1.34* Depth *111.34*
 Shot or lead *35 lb*
 Bottom *co. s.*
 Bottom temperature *68.5*
 No. of Thermometer *52731* Cor. *- .2*
 Corrected temperature *68.3*
 Air *69* Surface *73* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>21-20 W</i>	<i>22.00</i>	0		
<i>21-30</i>	<i>23.00</i>	100		
<i>21-40</i>	<i>22.00</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 119

Date

Machine, 2 Reel.

Turns 781 Cor. +

Depth

Shot or lead

35

Bottom

Bottom temperature

No. of Thermometer

53731 Cor. - 2

Corrected temperature

Air

67

Surface

73

Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

21.00

0.5

0

100

47.00

1

200

119.00

0.3

300

400

1.1.00

0.1, 20

500

30

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

920

Date

March 11/1886

Sigsbee

Machine. 2 Reel.

Turns 886

Cor. +

79

Depth

967

~~Shot or lead~~

35 lb

Bottom

wh. Co. S.

Bottom temperature

39.

No. of Thermometer

53731

Cor. -

Corrected temperature

38.6

Air

66

Surface

73

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.42.00	07.30	0
44.00	06.35	100
45.00	05.45	200
46.00	04.45	300
47.30	03.45	400
49.00	02.45	500
50.30	01.30	600
52.00	8.00.00	700
54.30	59.00	800
56.00	8.57.30	900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

$$\begin{array}{r}
 4/4/60 \\
 888 \\
 \hline
 35/3
 \end{array}$$

$$\begin{array}{r} 4200 \\ 524 \\ \hline 3676 \end{array}$$

$$\begin{array}{r} 4200 \\ 510 \\ \hline 3690 \end{array}$$

$$\begin{array}{r} 727 \\ 67 \\ \hline 160 \end{array}$$

$$\begin{array}{r} 4400 \\ 1975 \\ \hline 3625 \end{array}$$

$$\begin{array}{r} 227 \\ 157 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 227 \\ 134 \\ \hline 93 \end{array}$$



$$\begin{array}{r} 216100 \\ 1235 \\ \hline 3160 \end{array}$$

$$\begin{array}{r} 11400 \\ 1104 \\ \hline 3991 \end{array}$$

$$\begin{array}{r} 216100 \\ 1113 \\ \hline 3287 \end{array}$$

$$\begin{array}{r}
 200 \\
 22 \\
 \hline
 178
 \end{array}$$

$$\begin{array}{r}
 4400 \\
 785 \\
 \hline
 3615
 \end{array}$$

$$\begin{array}{r}
 227 \\
 1419 \\
 \hline
 78
 \end{array}$$

$$\begin{array}{r}
 4400 \\
 965 \\
 \hline
 3435
 \end{array}$$

$$\begin{array}{r}
 4400 \\
 110 \\
 \hline
 4290
 \end{array}$$

$$\begin{array}{r}
 227 \\
 213 \\
 \hline
 14
 \end{array}$$

$$\begin{array}{r}
 227 \\
 155 \\
 \hline
 072
 \end{array}$$

4200 - Pass of Cal cut at

$$\begin{array}{r} 180 \\ 40.20 \end{array}$$

$$\begin{array}{r} 4200 \\ 110 \\ \hline 4090 \end{array}$$

$$\begin{array}{r} 4200 \\ 151 \\ \hline 40.49 \end{array}$$

$$\begin{array}{r} 42.00 \\ 1115 \\ \hline 20.55 \end{array}$$

$$\begin{array}{r} 4200 \\ 57 \\ \hline 41143 \end{array}$$

$$\begin{array}{r} 4200 \\ 631 \\ \hline 3566 \end{array}$$

$$\begin{array}{r} 35.15 \\ 3200 \\ \hline 255 \end{array}$$

$$\begin{array}{r} 4200 \\ 234 \\ \hline 3966 \end{array}$$

$$\begin{array}{r} 120 \\ 55 \\ \hline 175 \end{array}$$



$$\begin{array}{r} 4200 \\ 225 \\ \hline 3975 \end{array}$$

$$\begin{array}{r} 4200 \\ 322 \\ \hline 3978 \end{array}$$

A m s -

A m s

12, 10, 25

12 1

D m s

D m s

46. 22. -

46.

$$\begin{array}{r} 4200 \\ 486 \\ \hline 3720 \end{array}$$

$$\begin{array}{r} 300 \\ 28 \\ \hline 272 \\ 25 \\ \hline 298 \end{array}$$

$$\begin{array}{r} 4200 \\ 272 \\ \hline 3928 \end{array}$$

$$\begin{array}{r} 227 \\ 147 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 227 \\ 182 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 4200 \\ 2665 \\ \hline 1535 \end{array}$$

$$\begin{array}{r} 1120 \\ 97 \\ \hline 123280 \end{array}$$

$$\begin{array}{r} 2270 \\ 130 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 55 \\ 505 \\ \hline 2362 \end{array}$$

$$\begin{array}{r} 227 \\ 188 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 4400 \\ 775 \\ \hline 25 \end{array}$$

$$\begin{array}{r} 227 \\ 49 \\ \hline 179 \end{array}$$

$$\begin{array}{r} 4400 \\ 2311 \\ \hline 2089 \end{array}$$

$$\begin{array}{r} 227 \\ 67 \\ \hline 2805 \end{array}$$

Tanner Machines

Car 1 to 40 turns

$$\begin{array}{r} 44100 \\ 961 \\ \hline 1439 \end{array}$$

$$\begin{array}{r} 227 \\ 196 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 227 \\ 119 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 42 \\ 227 \\ \hline 129 \end{array}$$

$$\begin{array}{r} 44100 \\ 961 \end{array}$$

$$\begin{array}{r} 227 \\ 213 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 227 \\ 165 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 227 \\ 141 \\ \hline 86 \end{array}$$

$$\begin{array}{r} 83.5 \\ 75.4 \\ \hline 8.1 \end{array}$$